Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
Data File : BM026760.D
Acq On : 14 Jul 2020 20:13
Operator : JU/CG
Sample : L1955-15
Misc : MDL-SOIL-ME-01
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-01

Manual Integrations APPROVED
mohammad
7/20/2020 11:25:06 AM

Quant Time: Jul 16 16:14:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 00:28:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	61216	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	236484	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	144827	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	296394	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	314516	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	372360	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	3109	1.53	ng/uL	0.00
5) Phenol-d5	6.52	99	133988	23.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	96874	25.55	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	108624	25.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	103661	23.12	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	49285	26.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	54587	27.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	100582	25.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	133336	32.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	308899	26.74	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	369726	26.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	34496	20.69	ng/ul	0.00
58) Fluorene-d10	14.98	176	258396	25.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	43529	23.51	ng/ul	0.00
71) Anthracene-d10	16.83	188	399500	27.37	ng/ul	0.00
79) Pyrene-d10	19.14	212	456444	27.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	510585	25.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	3151	1.429	ng/uL	93
4) Benzaldehyde	6.48	77	9706m	3.260	ng/ul	
6) Phenol	6.55	94	21438	3.478	ng/ul	90
8) Bis(2-Chloroethyl)ether	6.76	93	16991	3.620	ng/ul	97
10) 2-Chlorophenol	6.88	128	17121	3.605	ng/ul	94
11) 2-Methylphenol	7.78	108	13869	3.149	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	7.85	45	35132m	3.859	ng/ul	
14) Acetophenone	8.14	105	25272	3.327	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.12	70	14626	3.259	ng/ul#	83
16) 4-Methylphenol	8.10	108	15906	3.249	ng/ul	98
17) Hexachloroethane	8.35	117	7147	3.396	ng/ul	93
20) Nitrobenzene	8.50	77	22897	3.882	ng/ul	98
21) Isophorone	9.02	82	36494	3.681	ng/ul	99
23) 2-Nitrophenol	9.20	139	7972	3.455	ng/ul	93
24) 2,4-Dimethylphenol	9.29	107	16970	3.194	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.51	93	21628	3.669	ng/ul	92
27) 2,4-Dichlorophenol	9.74	162	15535	3.850	ng/ul	93
28) Naphthalene	10.11	128	50153	3.583	ng/ul	99
30) 4-Chloroaniline	10.25	127	19336	4.425	ng/ul	99
31) Hexachlorobutadiene	10.40	225	11471	3.922	ng/ul	97
32) Caprolactam	11.06	113	3209m	2.879	ng/ul	
33) 4-Chloro-3-methylphenol	11.40	107	15261	3.324	ng/ul	99
34) 2-Methylnaphthalene	11.74	142	33802	3.447	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	11.97	142	33741	3.692	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.13	216	19374	3.680	ng/ul	98
38) Hexachlorocyclopentadiene	12.10	237	2609	0.971	ng/ul#	96
39) 2,4,6-Trichlorophenol	12.40	196	9846	3.168	ng/ul	87
40) 2,4,5-Trichlorophenol	12.48	196	10100	2.972	ng/ul	90
41) 1,1'-Biphenyl	12.79	154	44891	3.581	ng/ul	97
42) 2-Chloronaphthalene	12.82	162	33786	3.424	ng/ul	96
43) 2-Nitroaniline	13.06	65	10271	3.096	ng/ul	93
45) Dimethylphthalate	13.45	163	44735	3.700	ng/ul	99
46) 2,6-Dinitrotoluene	13.57	165	6833	2.924	ng/ul#	72
48) Acenaphthylene	13.68	152	54010	3.613	ng/ul	98
49) 3-Nitroaniline	13.92	138	5171	2.662	ng/ul#	91
50) Acenaphthene	14.04	153	37292	3.529	ng/ul	99
51) 2,4-Dinitrophenol	14.15	184	2555	2.104	ng/ul	92
53) 4-Nitrophenol	14.25	109	7323m	4.267	ng/ul	
54) Dibenzofuran	14.38	168	53977	3.600	ng/ul	96
55) 2,4-Dinitrotoluene	14.38	165	10903	3.137	ng/ul#	61
56) 2,3,4,6-Tetrachlorophenol	14.62	232	9742	3.330	ng/ul#	84
57) Diethylphthalate	14.84	149	44380	3.652	ng/ul	98
59) Fluorene	15.04	166	43680	3.566	ng/ul	93
60) 4-Chlorophenyl-phenylether	15.04	204	22754	3.574	ng/ul	97
61) 4-Nitroaniline	15.09	138	5298m	2.411	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.15	198	7169	3.655	ng/ul#	84
65) N-Nitrosodiphenylamine	15.26	169	36101	3.643	ng/ul	96
66) 4-Bromophenyl-phenylether	15.94	248	13433	3.759	ng/ul	87
67) Hexachlorobenzene	16.04	284	15834	3.889	ng/ul	98
68) Atrazine	16.24	200	13187	4.084	ng/ul	98
69) Pentachlorophenol	16.41	266	5798m	2.888	ng/ul	
70) Phenanthrene	16.77	178	68442	3.708	ng/ul	97
72) Anthracene	16.87	178	69240	3.718	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.75	216	19185	3.754	ng/uL	99
74) Pentachlorobenzene	14.30	250	19080	3.898	ng/uL	97
75) Carbazole	17.15	167	54896	3.682	ng/ul	98
76) Di-n-butylphthalate	17.73	149	67223	3.726	ng/ul	98
77) Fluoranthene	18.81	202	78427	4.108	ng/ul	98
80) Pyrene	19.17	202	86041	3.860	ng/ul	97
81) Butylbenzylphthalate	20.11	149	28832	3.646	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.89	252	18644	2.941	ng/ul#	98
83) Benzo(a)anthracene	20.94	228	86052	3.975	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.91	149	43076	3.658	ng/ul	96
85) Chrysene	20.99	228	83624	3.893	ng/ul	98
87) Di-n-octyl phthalate	21.75	149	74905	3.265	ng/ul	100
88) Benzo(b)fluoranthene	22.42	252	87397	3.455	ng/ul	97
89) Benzo(k)fluoranthene	22.46	252	89946	3.588	ng/ul	98
91) Benzo(a)pyrene	22.93	252	89802	4.002	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.01	276	100779	3.442	ng/ul	99
93) Dibenzo(a,h)anthracene	25.03	278	85846	3.480	ng/ul	96
94) Benzo(g,h,i)perylene	25.62	276	87005	3.562	ng/ul	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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